

Explosive eruptions and the Mediterranean Civilizations through prehistory and history

1st circular

An international workshop on the present state of knowledge on explosive eruptions in the Mediterranean area, and their impact on the environment and human civilization

WHERE

Ustica (Palermo, Italy),
the Mediterranean
«open-air volcanological museum»

WHEN

12-16 September 2017

TARGET

Researchers and PhD students
(minimum number of participants:
40; maximum: 100)

REGISTRATION

100 € for IAVCEI members

150 € for non members

0 € for PhD students

(including field trip, icebreaker party, coffee breaks,
IAVCEI membership fee and a social dinner)

REGISTRATION FEE must be paid by bank transfer to
AMP Isola di Ustica on this account IBAN
IT 10 0 01030 43690 000001034875
with the following exact indication
Segreteria AMP 2017 - Workshop Vulcanologia

Since the origin of humanity volcanism and human life have been strictly linked to each other. Despite the hazards posed by volcanoes, humans have always found good reasons for settlement and development around them, mostly in temperate zones, because of high soil fertility or for the presence of ore deposits and the abundance of volcanic rocks that are good building materials.

Evidence from archaeological excavations demonstrates that volcanic and related phenomena often have strongly conditioned human life, causing environmental changes, forcing people to abandon their settlements, and preparing the conditions for later recolonization and soil exploitation during phases of quiescence.

The Mediterranean region is one of the most impressive examples of this interaction, where the development of civilization has been repeatedly boosted and hindered.

More recently, as demonstrated by the 2010 Eyjafjallajökull eruption (Iceland), the impact of even moderate-scale eruptions is amplified by the increasing vulnerability of modern society related to growing population, rising standard of living, settlement and industrialization of very exposed regions, and complex interdependencies in commerce, including transport and trade systems at a global scale.

The main goal of this workshop is to promote cultural exchange and interaction among diverse disciplines, so as to enhance our knowledge of the relationships between volcanism, environment and human communities, and exhibit and spreading the best practice of scientific culture dissemination about explosive volcanism.

Multidisciplinary contributions are solicited, mainly in the fields of stratigraphy, eruption dynamics and modelling, petrology, archaeological investigations, archaeometry, environmental impact of volcanic eruptions, relationships between distribution and emplacement of volcanic products and human settlements and structures, archaeological evidence for environmental changes and impact of volcanic activity on humans and animals, volcanic hazard assessment and risk reduction. Contributions on scientific museology and examples of effective dissemination techniques are welcome.

ORGANISING AND SCIENTIFIC COMMITTEE

Sandro de Vita Senior volcanologist INGV - Osservatorio Vesuviano, Napoli

Silvio Rotolo professor of Petrography DISTEM, Palermo University

Stefano Furlani professor of Geomorphology, Trieste University

Maria Luisa Carapezza First Researcher INGV, Roma

Mauro A. Di Vito Senior volcanologist INGV - Osservatorio Vesuviano, Napoli

Guido Giordano professor of Volcanology, UniRoma Tre, Roma; AIV President

Roberto Sulpizio professor of Volcanology, Bari University, Secretary of IAVCEI

Sebastiano Tusa Archaeological Superintendence of the Sea, Sicily, Italy

Francesca Spatafora Director Polo Archeologico Provincia di Palermo

Franco Foresta Martin, Director LABMUST, Ustica

Salvatore Livreri Console Director AMP Isola di Ustica

Vito Ailara Honorary President Centro Studi e Documentazione Isola di Ustica

Maria Grazia Barraco President Centro Studi e Documentazione Isola di Ustica

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Arrival 12th September 2017

Workshop 13th, 14th, 15th
at the "Auditorium-Teatro Comunale" Ustica

Fieldtrips 14th and 15th

Circumnavigation of the island and the main aspects of the Ustica on-land geology and geomorphology

DEADLINES

Registration: 15th June 2017

(email at convegni@ampustica.it name, surname, affiliation, title of the presentation)

Abstract submission: 5th July 2017



Istituto Nazionale di
Geofisica e Vulcanologia